

## ABSTRACT OF THE DISCLOSURE

A method for choosing channel coding and/or interleaving scheme is applied in a communication connection over a radio interface between a terminal ~~(101)~~ and a base station ~~(102)~~ of a cellular packet radio system. A certain decision-making device ~~(103)~~ allocates channel coding and/or interleaving schemes to communication connections. A request message is communicated ~~(203)~~ to the decision-making device, ~~said request message,~~ indicating a certain set of Quality of Service parameters associated with a certain first communication connection. ~~Said~~ The set of Quality of Service parameters is mapped ~~(206, 304)~~ to a certain first channel coding and/or interleaving scheme as a part of the channel coding and/or interleaving scheme allocation made by the decision-making device. ~~Said~~ The first channel coding and/or interleaving scheme is communicated ~~(207, 305)~~ to the base station and the terminal for them to apply said first channel coding and/or interleaving scheme in ~~said the~~ the first communication connection.